

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/812,253

Applicant: Hau-Tai Shieh

**RESPONSE TO OFFICE ACTION
MAILED 12/29/2004**

Title: RIPPLE REFRESH CIRCUIT AND
METHOD FOR SEQUENTIALLY
REFRESHING A SEMICONDUCTOR
MEMORY SYSTEM

Filed: March 29, 2004

Atty. Docket No.: TSMC2003-1245

Atty. Ref. No.: N1280-00220

Examiner: Dang T. Nguyen

ArtUnit: 2824

Confirmation No.: 2744

Commissioner for Patents and Trademark
MAILSTOP AMENDMENT
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Sir:

This Amendment and Response is in response to the Office Action mailed on December 29, 2004. Please amend the above-identified application as indicated below. Applicant respectfully requests reconsideration of the application based on the amendments and remarks provided.

Amendments to the Drawings begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks begin on page 7 of this paper.